



APPLY BASIC KNOWLEDGE OF STATISTICS AND PROBABILITY TO INFLUENCE THE USE OF DATA AND PROCEDURES IN ORDER TO INVESTIGATE LIFE RELATED PROBLEMS

Unit Standard: 9009



Course Information



Qualification Title	National Certificate: New Venture Creation (SMME)
Course Title	Apply Basic Knowledge Of Statistics And Probability To Influence The Use Of Data And Procedures In Order To Investigate Life Related Problems
Course Level	2
Course Credits	3
Course Duration	Three days
Cost of Course	R 2 800,00 per delegate (excluding 15% VAT)

Course Overview

The course is designed to assist learners to apply various techniques to organise and represent data to model situations for specific purposes. Give opinions on the implications of the modelled data for the required purpose.

National Certificate: New Venture Creation (SMME)

Who Should Attend?	• Employees to analyse data accordingly. • Entrepreneurs. • Those who would like to complete the qualification.
Course Objectives	• Identify issues suited to resolution by basic statistical methods. • Work with existing data. • Generate statistics through the use of calculators and other available technology. • Represent data in the form of tables, charts, and graphs. • Use statistics and representations of data to summarise real-life and or work-related issues within the experience of the learner. • Give opinions on statistics and representations of data. • More detailed range statements are provided for specific outcomes and assessment criteria as needed.
Benefits	Benefits of this course include: • Using a variety of methods to represent statistics including pie charts, bar graphs, stem, and leaf plots. • Calculating measures of centre and spread such as mean, median, mode, and range, the use of quartiles in classifying data items. • Recording and organising data into tables

Course Content

Course Modules	1. Sets of data that can be dealt with through statistical methods are identified correctly. 2. How raw data or statistics in the body of tables are used correctly. 3. Effective methods to record and organise data and how they are used to solve problems. 4. Calculations of statistics. 5. Use everyday language and mathematical language to represent data, statistics, and probabilities and to communicate conclusions.
Certification and Assessments	All delegates who complete the summative assessment will be assessed, moderated, and receive a SOR (Statement of Results). Thereafter a Certificate of Competence from WWISE (or SETA for qualifications) will be issued.

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions, and systems implementation firm based in Southern Africa that provides clients with effective business processes management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, both locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business, and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge, and competitiveness of client companies. This service range includes:

- ISO and SHERQ Systems implementation services, whereby we assist clients in meeting the requirements of (but not limited to) ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, and ISO 45001 Standards.
- Integrated Management Systems development whereby we integrate several business systems and management solutions into a single management system to comply with standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business, and Project Management to meet job responsibilities and expertise requirements of International Standards.
- ISO and Legal Auditing which includes Gap Analysis Audits, Product, Process, Procedural, and Systems auditing by our registered SAATCA Auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements.

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training, and auditing.